





How to change rear wheel bearing on VW Polo 9N – replacement guide


VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW POLO (9N_) 1.4 16V, VW POLO Saloon (9A4, 9A2, 9N2, 9A6) 1.4

The steps may slightly vary depending on the car design.

REPLACEMENT: WHEEL BEARING – VW POLO 9N. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Sealant
- Drive socket # 30
- HEX bit No.H8.
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Phillips screwdriver
- Flat chisel
- Hammer
- Wheel chock



AUTODOC recommends:

- Do not re-use the bearing assembly of your VW Polo 9N car.
- The wheel hub bearing replacement procedure is identical for both wheels on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: WHEEL BEARING – VW POLO 9N. TAKE THE FOLLOWING STEPS:

1



Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports. Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. VW Polo 9N



4

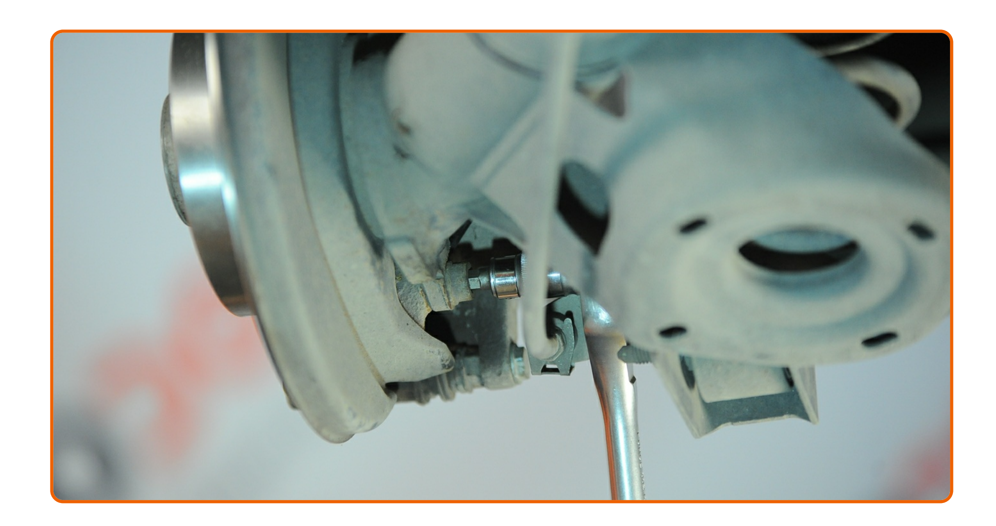


Remove the wheel.

5

Clean the brake caliper bracket fasteners. Use a wire brush. Use WD-40 spray.

6



Unscrew the caliper bracket fastening. Use HEX No.H8. Use a ratchet wrench.

7



Remove the brake caliper together with its bracket.

Replacement: wheel bearing – VW Polo 9N. Tip from AUTODOC experts:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

8



Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.

9



Unscrew the brake disc fastening. Use a Phillips screwdriver.

10



Remove the brake disc.

11



Remove the hub bearing protection cap. Use a flat screwdriver. Use a flat metal-working chisel. Use a hammer.

Replacement: wheel bearing – VW Polo 9N. AUTODOC recommends:

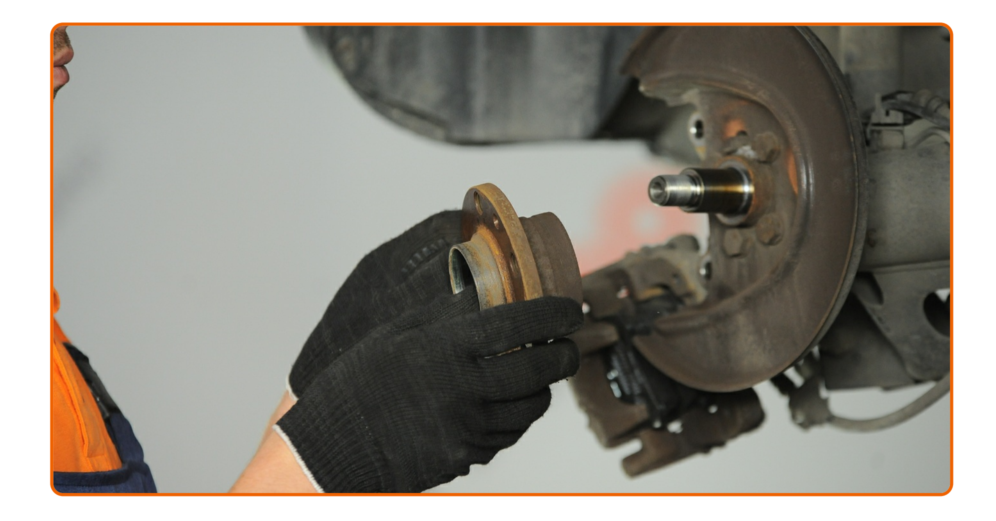
- Some cars are not equipped with wheel hub caps.

12



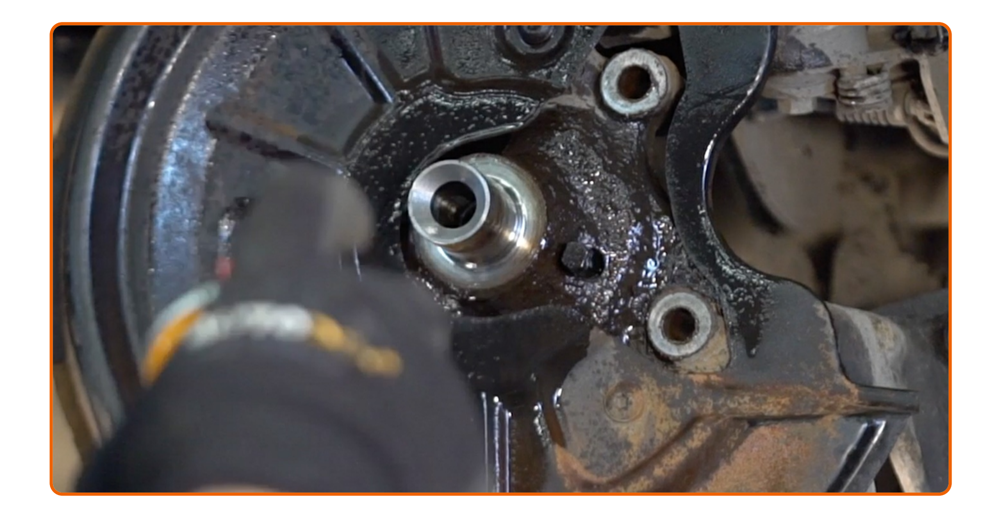
Unscrew the hub bearing mounting. Use a drive socket #30.

13



Remove the hub and the bearing together, since they are a sealed unit.

14

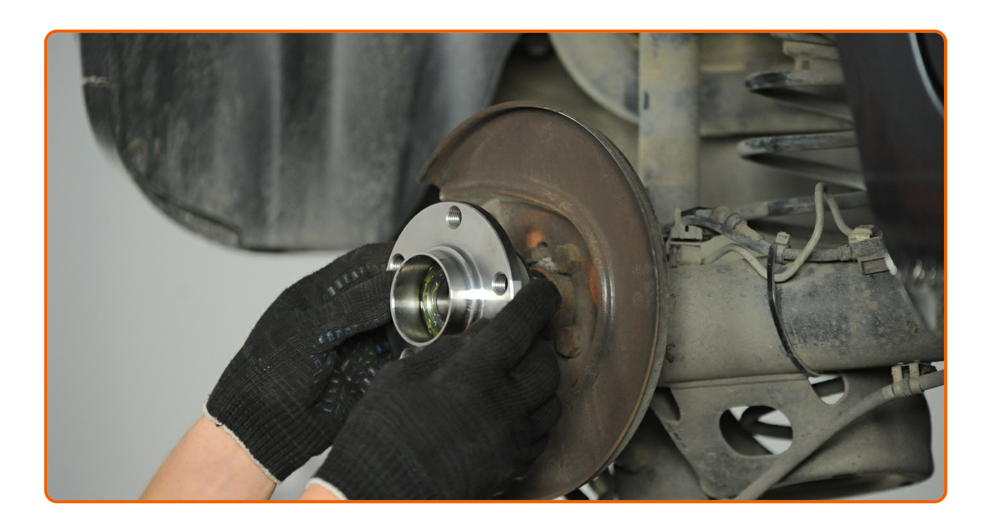


Clean the hub bearing mounting seat. Use a wire brush. Use WD-40 spray.

15

Apply special grease to the bearing assembly mounting seat. Use copper grease.

16

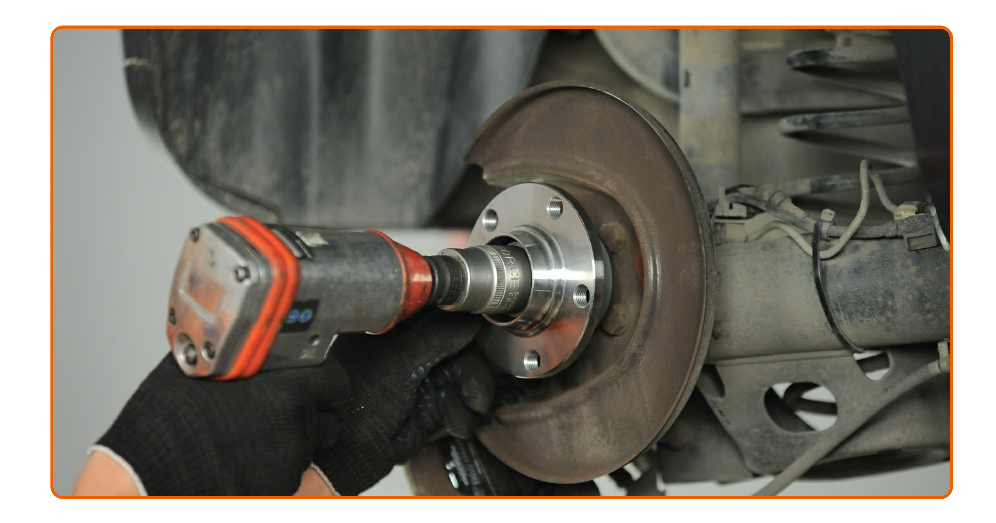


Install the new wheel hub with a bearing.

17

Treat the fasteners of the wheel hub bearing. Use copper grease.

18



Tighten the fastener of the wheel hub bearing. Use a drive socket #30. Use a torque wrench. Tighten it to 165 nm torque.

Replacement: wheel bearing – VW Polo 9N. Tip from AUTODOC experts:

- The wheel bearing unit must not tilt on the axle pin.

19



Install the hub bearing protection cap. Use a hammer.

20



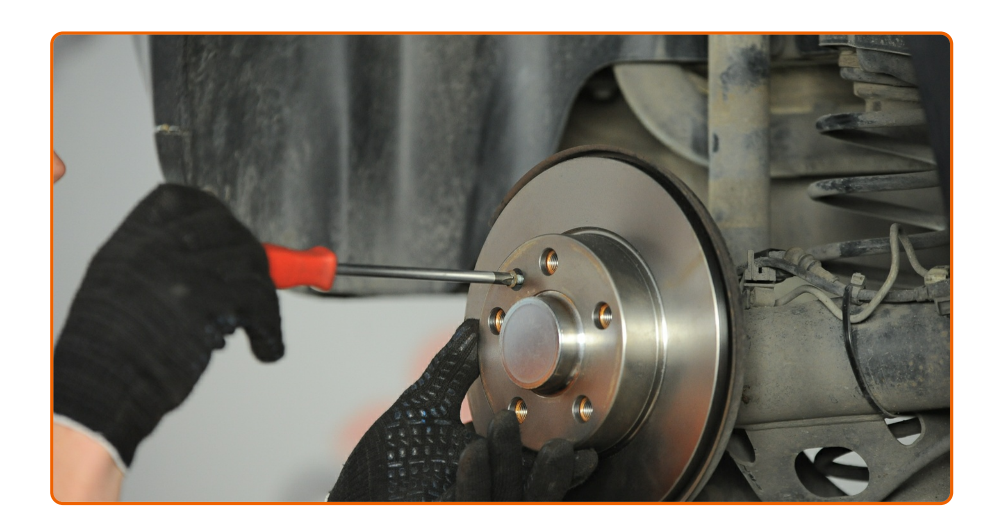
Treat the hub where it contacts the brake disk. Use copper grease.

21



Install the brake disc.

22



Tighten the brake disc fastening. Use a Phillips screwdriver. Use a torque wrench. Tighten it to 9 Nm torque.

23

Treat the fastening bolts. Use a sealant.

24



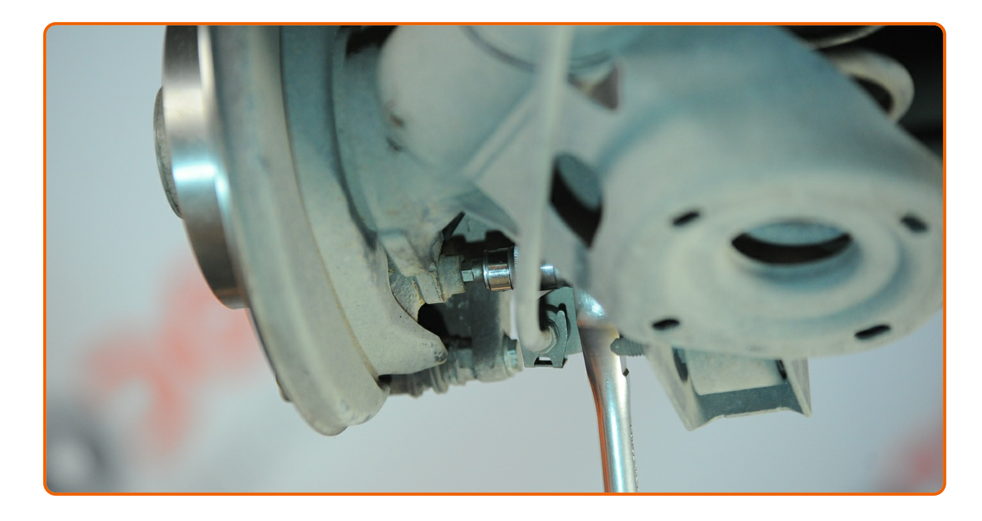
Clean the mounting seats of the caliper and its bracket. Use a wire brush. Use WD-40 spray.

25



Install the brake caliper together with its bracket.

26



Tighten the brake caliper bracket. Use HEX No.H8. Use a torque wrench. Tighten it to 75 Nm torque.

27



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

28



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: wheel bearing – VW Polo 9N. After applying the spray, wait a few minutes.

29



Install the wheel.



AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Polo 9N

30



Screw in the wheel bolts. Use wheel impact socket #17.

31



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.

32

Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



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